

IN THE CLAIMS:

The current claim set should now replace any claim set of record.

- Claim 1. **(Cancelled)**
- Claim 2. **(Previously presented)** The nucleic acid described in claim 17, wherein the nucleic acid is an RNA.
- Claim 3. **(Previously presented)** The nucleic acid described in claim 17, wherein the nucleic acid is a cDNA.
- Claim 4. **(Cancelled)**
- Claim 5. **(Previously presented)** The nucleic acid described in claim 18, wherein the nucleic acid molecule consists of a sequence selected from the group consisting of SEQ ID NO:7, SEQ ID NO:8, and SEQ ID NO:10.
- Claim 6. **(Withdrawn)** A polypeptide encoded by a nucleic acid comprising the sequence given in SEQ ID NO:1 or the sequence given in SEQ ID NO:3.
- Claim 7. **(Withdrawn)** The polypeptide described in claim 6, wherein the polypeptide is a recombinantly produced polypeptide.
- Claim 8. **(Withdrawn)** An antibody that binds immunospecifically with a polypeptide encoded by a nucleic acid comprising a sequence given in SEQ ID NO: 1 or a sequence given in SEQ ID NO:3.
- Claim 9. **(Cancelled)**
- Claim 10. **(Previously presented)** The method described in claim 19, wherein the sample is a body fluid.
- Claim 11. **(Previously presented)** The method described in claim 19, wherein the sample is tissue originating from the prostate.

- Claim 12. **(Previously presented)** The method described in claim 19, wherein the determining step comprises amplifying the nucleic acid and detecting the amplified nucleic acid.
- Claim 13. **(Withdrawn)** A method of detecting precancerous cells or cancer cells in the prostate of a subject, said method comprising providing a sample of tissue or fluid from the subject and determining whether the sample contains an abnormally high content of a polypeptide encoded by a nucleic acid comprising a sequence given in SEQ ID NO:1 or SEQ ID NO:3, whereby determining that the sample contains an abnormally high content of the polypeptide indicates that the subject has precancerous cells or cancer cells in the prostate.
- Claim 14. **(Withdrawn)** The method described in claim 13, wherein the sample is a body fluid.
- Claim 15. **(Withdrawn)** The method described in claim 13, wherein the sample is tissue originating from the prostate.
- Claim 16. **(Withdrawn)** The method described in claim 13, wherein the determining step further comprises contacting at least a portion of the sample with an antibody that binds immunospecifically with the polypeptide and determining the amount of the antibody that has bound with the polypeptide present in the sample.
- Claim 17. **(Previously presented)** A purified nucleic acid molecule selected from the group consisting of:
- (A) a nucleic acid molecule that comprises the sequence of SEQ ID NO:1; and
 - (B) a nucleic acid molecule that comprises a sequence that is completely complementary to the sequence of said nucleic acid molecule (A).

- Claim 18. **(Previously presented)** A purified nucleic acid molecule selected from the group consisting of:
- (A) a nucleic acid molecule that consists of a fragment of the sequence of SEQ ID NO:1, wherein said fragment hybridizes specifically with a nucleic acid molecule having a sequence that is completely complementary to SEQ ID NO:1; and
 - (B) a nucleic acid molecule that consists of a sequence that is completely complementary to the sequence of said nucleic acid molecule (A).
- Claim 19. **(Currently amended)** A method of detecting prostate cancer in a subject, said method comprising the steps:
- (A) obtaining a sample of tissue or fluid from said subject, and
 - (B) determining whether said sample contains an abnormally high content of a nucleic acid molecule selected from the group consisting of:
 - (1) a nucleic acid molecule that comprises the sequence of SEQ ID NO:1; and
 - ~~and~~
 - (2) a nucleic acid molecule that comprises a sequence that is completely complementary to the sequence of said nucleic acid molecule (1);
- wherein detection of an abnormally high content of said nucleic acid molecule ~~is~~ indicative of the presence of prostate cancer in said subject.
- Claim 20. **(Previously presented)** A method of detecting prostate cancer in a subject, said method comprising the steps:
- (A) obtaining a sample of tissue or fluid from said subject, and
 - (B) determining whether said sample contains an abnormally high content of a nucleic acid molecule selected from the group consisting of:

- (1) a nucleic acid molecule that comprises a sequence that hybridizes specifically with a nucleic acid molecule consisting of the sequence of SEQ ID NO: 1; and
- (2) a nucleic acid that comprises a sequence that is completely complementary to the sequence of said nucleic acid molecule (1),
- wherein detection of an abnormally high content of said nucleic acid molecule is indicative of the presence of prostate cancer in said subject.
- Claim 21. **(Previously presented)** A purified nucleic acid molecule selected from the group consisting of:
- (A) a nucleic acid molecule that comprises a sequence that hybridizes specifically with a nucleic acid molecule consisting of the sequence of SEQ ID NO: 1; and
- (B) a nucleic acid that comprises a sequence that is completely complementary to the sequence of said nucleic acid molecule (A).
- Claim 22. **(Currently amended)** The method described in claim ~~21~~20, wherein the sample is a body fluid.
- Claim 23. **(Currently amended)** The method described in claim ~~21~~20, wherein the sample is tissue originating from the prostate.
- Claim 24. **(Currently amended)** The method described in claim ~~21~~20, wherein the determining step comprises amplifying the nucleic acid and detecting the amplified nucleic acid.
- Claim 25. **(Previously presented)** The method described in claim 19, wherein the prostate cancer is a primary tumor.
- Claim 26. **(Currently amended)** The method described in claim ~~21~~20, wherein the prostate cancer is a primary tumor.

Please add the following new claims:

- Claim 27. (New) A purified nucleic acid molecule selected from the group consisting of:
- (A) a nucleic acid molecule that comprises the sequence of nucleotide 77 through nucleotide 1753 of SEQ ID NO:1; and
 - (B) a nucleic acid molecule that comprises a sequence that is completely complementary to the sequence of said nucleic acid molecule (A).
- Claim 28. (New) The nucleic acid described in claim 27, wherein the nucleic acid is an RNA.
- Claim 29. (New) The nucleic acid described in claim 27, wherein the nucleic acid is a cDNA.
- Claim 30. (New) A method of detecting prostate cancer in a subject, said method comprising the steps:
- (A) obtaining a sample of tissue or fluid from said subject, and
 - (B) determining whether said sample contains an abnormally high content of a nucleic acid molecule selected from the group consisting of:
 - (1) a nucleic acid molecule that comprises the sequence of nucleotide 77 through nucleotide 1753 of SEQ ID NO:1; and
 - (2) a nucleic acid molecule that comprises a sequence that is completely complementary to the sequence of said nucleic acid molecule (1);
- wherein detection of an abnormally high content of said nucleic acid molecule is indicative of the presence of prostate cancer in said subject.
- Claim 31. (New) The method described in claim 30, wherein the sample is a body fluid.

- Claim 32. (New) The method described in claim 30, wherein the sample is tissue originating from the prostate.
- Claim 33. (New) The method described in claim 30, wherein the determining step comprises amplifying the nucleic acid and detecting the amplified nucleic acid.
- Claim 34. (New) The method described in claim 30, wherein the prostate cancer is a primary tumor.
- Claim 35. (New) A purified nucleic acid molecule selected from the group consisting of:
- (A) a nucleic acid molecule that comprises a sequence that hybridizes specifically with a nucleic acid molecule consisting of the sequence of nucleotide 77 through nucleotide 1753 of SEQ ID NO:1; and
 - (B) a nucleic acid that comprises a sequence that is completely complementary to the sequence of said nucleic acid molecule (A).
- Claim 36. (New) A method of detecting prostate cancer in a subject, said method comprising the steps:
- (A) obtaining a sample of tissue or fluid from said subject, and
 - (B) determining whether said sample contains an abnormally high content of a nucleic acid molecule selected from the group consisting of:
 - (1) a nucleic acid molecule that comprises a sequence that hybridizes specifically with a nucleic acid molecule consisting of the sequence of nucleotide 77 through nucleotide 1753 of SEQ ID NO:1; and
 - (2) a nucleic acid that comprises a sequence that is completely complementary to the sequence of said nucleic acid molecule (1),wherein detection of an abnormally high content of said nucleic acid molecule is indicative of the presence of prostate cancer in said subject.

- Claim 37. (New) The method described in claim 36, wherein the sample is a body fluid.
- Claim 38. (New) The method described in claim 36, wherein the sample is tissue originating from the prostate.
- Claim 39. (New) The method described in claim 36, wherein the determining step comprises amplifying the nucleic acid and detecting the amplified nucleic acid.
- Claim 40. (New) The method described in claim 36, wherein the prostate cancer is a primary tumor.